

**REMARKS**

This communication is responsive to Office Action of March 3, 1998. Claims 1-26 are present for examination of which claims 1, 7, 18, 23 and 25 are independent claims. Examiner has noted that the informal drawings are suitable for examination purposes only. Examiner has objected to the new title as not descriptive. Claims 1-6 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Claims 1, 7 and 18 are rejected under 35 U.S.C. § 101 because the claims are directed to "Manipulation of Abstract Ideas Without a Claimed Practical Application." Claims 1-5, 7-11 and 13-22 are rejected under 35 U.S.C. 102(a) as being anticipated by Applicant's admitted known prior art. Claims 6 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art in view of AltaVisa, "http://www.altavista.com", 2/20/98, screen printouts pp. 1-2. Claims 23-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art in view of CNN Interactive, "http://cnn.com/index", 2/20/98, screen printout pp. 1-7.

Applicant has canceled claims 2-3, 8-9, 14-15 and 19-20. Applicant has amended the remaining claims 1, 4-7, 10-13, 16-18 and 21-26.

Applicant gratefully acknowledges the telephonic interview granted by the Examiner on June 4, 1998. Examiner and Applicant discussed inventive features of claims 1, 13 and 23.

**3: Drawings:**

Applicant will submit formal drawings at such time as the Examiner indicates allowability of one or more claims.

**4-5: Specification:**

The title has been amended to: --METHOD AND APPARATUS FOR RETRIEVING DATA FROM A NETWORK USING LOCATION IDENTIFIERS--. Applicant has reviewed the application for typographical errors.

**6: Rejection Under 35 U.S.C. § 112, ¶ 2 of Claims 1-6:**

Claims 1-6 stand rejected under 35 U.S.C. § 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

Applicant amends Claims 1-6 to distinctly claim the invention as a "A computer implemented method for searching a network...." (Applicant's amended Claim 1, at lines 1-2) and requests that the Examiner reconsider and withdraw the rejection under 35 U.S.C. § 112 in view of the amendments.

**7-8: Rejection Under 35 U.S.C. § 101 of Claims 1, 7 and 18:**

Independent Claims 1, 7 and 18 stand rejected under 35 U.S.C. § 101 because the claims are directed to "Manipulation of Abstract Ideas Without a Claimed Practical Application." Applicant has amended each of claims 1, 7, and 18 to include the practical limitation of retrieving data from remote Internet sites which are then displayed on a screen. Applicant requests that the Examiner reconsider and withdraw the rejection under 35 U.S.C. § 101 in view of the amendments.

**9-10: Rejection Under 35 U.S.C. § 102(a) of Claims 1-5, 7-11 and 13-22:**

Claims 1-5, 7-11 and 13-22 are rejected under 35 U.S.C. 102(a) as being anticipated by Applicant's admitted known prior art. Applicant has amended each of independent claims 1, 7, 13 and 18 to include the limitations performed on a local computer of:

*"...retrieving an initial data file from the network ... parsing the location identifiers from the initial data file to form an initial list of location identifiers together with storing the initial list, responsive to a selection of the first icon..." (Amended Claim 1, lines 9, 12-14)*

*"... retrieve an initial data file from the network ...to parse the location identifiers from the initial data file to form an initial list of location identifiers together with storing the initial list, responsive to a selection of the first icon..." (Amended Claim 7, lines 11-12, 23-26)*

*"... retrieving an initial data file from the network... parsing the location identifiers from the initial data file to form an initial list of location identifiers together with storing the initial list, responsive to a selection of the first icon..." (Amended Claim 13, lines 8, 11-13)*

*"... retrieve an initial data file from the network ... parse said initial data file to form an initial list of location identifiers together with storing the initial list ... responsive to a selection of the first icon..." (Amended Claim 18, lines 11-12, 15-17)*

Examiner has indicated that by underlining the URL hotlinks on each Web page the Netscape Browser parses the initial data file (Office Action at page 5). Assuming, arguendo,

that the underlining of URL hotlinks by the Netscape browser involves a parsing step, there are still claimed patentable distinctions between the "parsing" of the Netscape browser and the parsing claimed in the current invention. First, the Netscape browser does not provide a "first icon" for selecting which of the pages displayed in the search window will be parsed to form an initial list. Second, the Netscape browser does not store the initial list of location identifiers as is claimed by the applicant. In the specification at page 17 the applicant indicates that: "... if a determination is made that the refresh/update button ... has been selected, then an HTML encoded page displayed in the browser view window is parsed into ... hot links... [t]hen the hot-links [are stored] ... in storage segment 230" (Specification at page 17, lines 19-31). Thus the parsing in the applicant's invention is an optional treatment accorded to a web page displayed in the browser's view window, the selection of which option results in the extraction from the selected web page of specific information, i.e. hot links, and the storage of that information for later use. There is no corresponding capability in any of the references cited.

The Examiner has indicated that the Yahoo search engine shows where the user activates the next page request, and in view of the current page, the next page (i.e. site identifier is automatically chosen (Office Action, page 6). The navigation tools provided by the Internet search providers such as Yahoo and Alta Vista, i.e. the "next 20 button" and "the 1-10, 10-20, etc. button bars " do not achieve the claimed functionality of the applicant's invention in several respects. First, both Yahoo and Alta-Vista (See Appendix C, line 171-188, and Appendix D, line 183-202) hardcode the various permutations of the button bar into the initial and each subsequent data file received from them. Thus, the user has no choice as to the creation of the button bar, it is provided only provided for locations catalogued by Yahoo or Alta-Vista and only within the context of their pages. The button bar is not part of the processes on the local computer, rather it is hardcoded into the pages provided by information indexers such as Yahoo and Alta-Vista. Second, the button bar is NOT stored separately from the initial data file, it is part of the file. Once you visit a location you no longer have any such navigation tool. Thus the button bar is a transient phenomenon, visible only within the confines of the Yahoo page. Once you visit a site the button bar is gone, and because it is not stored, you must hit the back button on the browser one or more times to return to the Yahoo search, and then select the next site to visit. Third, you can not select a

location identifier with the buttons on Yahoo and Alta-Vista, rather you select a set, e.g. "next 20", of location identifiers.

The applicant claims the ability to select a parsing and storage operation responsive to a selection of a first icon, e.g. the update button. The applicant claims that the subsequent display of any of the data files stored on the network in the search window, any files from any site, will not prevent the display of a first data file corresponding to a selected one of the location identifiers in the stored initial list responsive only to the selection of the second icon. This ability to perform a two dimensional traversal to next site on initial list is a unique feature of the applicant's invention.

Independent claims 13 and respective dependent claims 16-17 contain an additional limitation not found in any of the examiners cited references. Each claims the "slide show" feature of automatic site searching.

*"... automatically ... retrieve at a predefined time interval data files corresponding to each of the location identifiers in the stored initial list, together with successively displaying the data files in the search window, responsive to a single selection of the second icon." (Amended Claim 18, Line 18, 22-24).*

Thus, independent claim 13 and dependent claims 16-17 are believed to be allowable because they contain a patentably distinct feature not found in any of the references.

The applicant has amended rejected independent claims 1, 7, 13 and 18 to overcome the examiner's rejection under 35 U.S.C. § 102(a). The applicant therefore requests that independent claims 1, 7, 13 and 18 be allowed. Remaining rejected dependent claims 4-5, 10-11, 16-17 and 21-22 depend directly or indirectly from independent claims 1, 7, 13 and 18 which amended independent claims are believed to be in allowable form. For this reason and for other reasons of independent significance claims 4-5, 10-11, 16-17 and 21-22 are believed to be in allowable form and the applicant therefore requests that they be allowed.

#### 11-12: Rejection Under 35 U.S.C. § 103(a) of Claims 6 and 12:

Claims 6 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art in view of AltaVista, "http://www.altavista.com," 2/20/98, screen printouts pp.1-2. Claims 6 and 12 have been amended to depend directly, from respectively, amended independent claims 1 and 7.

Examiner has cited Alta-Vista as teaching a button bar with previous and next icons. The Examiner has indicated that the combination of the Alta-Vista button bar into Yahoo search engine is obvious and the applicant concurs. However, such a combination does not produce the claimed features of the applicant's invention.

The navigation tools provided by the Internet search providers such as Yahoo and Alta Vista, i.e. the "next 20 button" and "the 1-10, 10-20, etc. button bars " do not achieve singly or in combination the claimed functionality of the applicant's invention in several respects. First, both Yahoo and Alta-Vista (See Appendix C, line 171-188, and Appendix D, line 183-202) hardcode the various permutations of the button bar into the initial and each subsequent data file received from them. Thus, the user has no choice as to the creation of the button bar, it is provided only provided for locations catalogued by Yahoo or Alta-Vista and only within the context of their pages. The button bar is not part of the processes on the local computer, rather it is hardcoded into the pages provided by information indexers such as Yahoo and Alta-Vista. Second, the button bar is NOT stored separately from the initial data file, it is part of the file. Once you visit a location you no longer have any such navigation tool. Thus the button bar is a transient phenomenon, viable only within the confines of the Yahoo page. Once you visit a site the button bar is gone, and because it is not stored, you must hit the back button on the browser one or more times to return to the Yahoo search, and then select the next site to visit. Third, you can not select a location identifier with the buttons on Yahoo and Alta-Vista, rather you select a set, e.g. "next 20", of location identifiers.

The applicant claims the ability to select a parsing and storage operation responsive to a selection of a first icon, e.g. the update button. The applicant claims that the subsequent display of any of the data files stored on the network in the search window, any files from any site, will not prevent the display of a first data file corresponding to a selected one of the location identifiers in the stored initial list responsive only to the selection of the second icon. This ability to perform a two dimensional traversal to next site on initial list is a unique feature of the applicant's invention.

The applicant has amended rejected independent claims 1, 7 to overcome the examiner's rejection under 35 U.S.C. § 103(a). The applicant therefore requests that independent claims 1 and 7 be allowed. Remaining rejected dependent claims 6 and 12 depend directly

or indirectly from independent claims 1 and 7, which amended independent claims are believed to be in allowable form. For this reason and for other reasons of independent significance claims 6 and 12 are believed to be in allowable form and the applicant therefore requests that they be allowed.

**13: Rejection Under 35 U.S.C. § 103(a) of Claims 23-26:**

Independent Claims 23 and 25 and claims dependent thereon, respectively 24 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art in view of CNN interactive, "http://cnn.com/index," 2/20/98, screen printout pp. 1-7.

Each of claims 23 and 25 contains features not found in any of the cited references. *"... retrieving a first data file corresponding to a one of the location identifiers displayed in the list window together with displaying the first data file in the browser window, responsive to a selection of the corresponding one of the location identifiers displayed in the list window." (Amended claim 23, line 22-23, 28-31)(Amended claim 25, line 29-31, 34-37).*

Examiner has cited the CNN site as displaying a "jumper window containing the index image of WORLD..." (Office Action, page 8). Applicant concurs that CNN displays on each page a uniform index of their site. Examiner has cited the combination of the CNN site index and the Yahoo search engine is obvious and the applicant concurs. However, such a combination does not produce the claimed features of the applicant's invention.

The navigation tools provided by CNN, i.e. the site index and Yahoo do not achieve singly or in combination the claimed functionality of the applicant's invention in several respects. First, CNN (See Appendix A, line 29-112, and Appendix B, line 31-129) hardcodes the various permutations of the index all the pages of their site. Thus, the user has no choice as to the creation of the index, it is provided only for locations within the CNN site. Neither the index nor its creation is part of the processes on the local computer, rather it is hardcoded into the pages provided by CNN. Second, the index is NOT stored separately from the initial data file, it is part of the file. If you leave the CNN site you no longer have any index. Thus, the index is a transient phenomenon, viable only within the confines of the pages of the CNN site. Once you visit another site the CNN index is gone, and because it is not stored, you must hit the back button on the browser one or more times to return to the CNN site, and then select the next section of the site to visit.

The applicant claims the ability to select a parsing and storage and display operation responsive to a selection of a first icon, e.g. the update button, in which the hot-links are displayed in a list window. The applicant claims that the subsequent display of any of the data files stored on the network in the search window, any files from any site, will not prevent the display of a first data file in the browser window responsive only to a selection from the list window of a location identifier corresponding to the first data file. This ability to perform a two dimensional traversal to next site on initial list is a unique feature of the applicant's invention.

The applicant has amended rejected independent claims 23, 25 to overcome the examiner's rejection under 35 U.S.C. § 103(a). The applicant therefore requests that independent claims 23 and 25 be allowed. Remaining rejected dependent claims 24 and 26 depend directly from independent claims 23 and 25, which amended independent claims are believed to be in allowable form. For this reason and for other reasons of independent significance claims 24 and 26 are believed to be in allowable form and the applicant therefore requests that they be allowed.

#### CONCLUSION


Applicant has canceled claims 2-3, 8-9, 14-15 and 19-20. Applicant has amended each of remaining claims 1, 4-7, 10-13, 16-18 and 21-26 into allowable form and requests that they be allowed.

In view of the above remarks, Applicant submits that this application is now ready for allowance. Early notice to this effect is solicited.

Respectfully submitted,

Wilson Sonsini Goodrich & Rosati

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Date: June 4, 1998

APPENDIX A

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CNN-Interactive

APPENDIX A

http://cnn.com/index.html

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**For All The**

**CNN**  
Interactive  
CNN.com

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June 3, 1998 - Updated 10:49 a.m. EDT (1449 GMT)

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WORLD  
U.S.  
POLITICS  
WORLD  
BUSINESS  
HEALTH  
SCIENCE  
ENTERTAINMENT  
TRAVEL  
TECH  
LIFE  
SPORTS

**60 dead, hundreds injured in high-speed German train crash**

At least 60 people were reported to have been killed and 200 others injured when a high-speed InterCity Express (ICE) passenger train struck a car that had crashed onto the tracks near the northern town of Cölle Wednesday morning, officials at the scene said.

[\(FULL STORY\)](#)

**Gray Davis wins California Democratic gubernatorial primary**

**Lewinsky hires new lawyers**

**Police say Hartman's wife told friends about shooting**

**Deadly storms return to East**

**Shuttle TV antenna knocked out**  
Live: NASA-TV

## APPENDIX: A

## CNN-MAIN PAGE

```

1  <html>
2  <head>
3  <title>CNN Interactive</title>
4  <script language="Javascript" src="/virtual/1998/code/cnn.js">
5  </script>
6  <link rel="stylesheet" href="/virtual/1998/code/cnn.css" type="text/css">
7  </head>
8  <body bgcolor="white" link="#3333cc" vlink="#777777"
9  onload="if(parent.frames.length!=0)top.location='http://cnn.com';">
10 <a name="top"></a>
11 <table width=600 cellpadding="0" cellspacing="0" border="0">
12 <tr><td colspan="3"><table border="0" width="600" cellspacing="0"
13 cellpadding="0"><tr><td width="120"><A
14 HREF="/event.ng/Type=click&RunID=11075&ProfileID=469&AdID=5902&GroupID=1&
15 FamilyID=328&TagValues=434.435.586.598.606.629.644.645&Redirect=http:%2F%2Fallp
16 olitics.com" target="_top"></a></td><td
18 width="8" align="right"><a href="/ads/c.market/"></a></td><td width="468"><A
21 HREF="/event.ng/Type=click&RunID=11294&ProfileID=34&AdID=6188&GroupID=15&
22 FamilyID=849&TagValues=249.434.435.586.594.598.606.629&Redirect=http:%2F%2Fww
23 w.pagenet.com%2F" target="_top"></a></td></tr></table><hr noshade width="600"
25 size="1" align="LEFT">
26 </td></tr><tr valign="top"><td width="125">
27 <a href="/index.html"></a><br>
29 <!--TOP-LEVEL NAVIGATION-->
30 <table border="0" width="125" cellspacing="0" cellpadding="2" bgcolor="#CCCCFF">
31 <tr>
32 <td bgcolor="#333399"><b><font face="Helvetica, Arial,sans-serif"
34 size="1">&nbsp;<a href="/index.html"><font color="#FFFFFF">MAIN
35 PAGE</font></a></font></b></td>
36 </tr>
37 <tr>
38 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
39 href="/WORLD/"><font color="#000000">WORLD</font></a></font></b></td>
40 </tr>
41 <tr>
42 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a href="/US/"><font

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43 color="#000000">U.S.</font></a></font></b></td>
44 </tr>
45 <tr>
46 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
47 href="/LOCAL/"><font color="#000000">U.S. LOCAL</font></a></font></b></td>
48 </tr>
49 <tr>
50 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
51 href="/allpolitics/"><font color="#000000">POLITICS</font></a></font></b></td>
52 </tr>
53 <tr>
54 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
55 href="/WEATHER/"><font color="#000000">WEATHER</font></a></font></b></td>
56 </tr>
57 <tr>
58 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
59 href="/cnafn/"><font color="#000000">BUSINESS</font></a></font></b></td>
60 </tr>
61 <tr>
62 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
63 href="/cnusi/"><font color="#000000">SPORTS</font></a></font></b></td>
64 </tr>
65 <tr>
66 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
67 href="/TECH/"><font color="#000000">SCI-TECH</font></a></font></b></td>
68 </tr>
69 <tr>
70 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
71 href="/SHOWBIZ/"><font
72 color="#000000">ENTERTAINMENT</font></a></font></b></td>
73 </tr>
74 <tr>
75 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
76 href="/TRAVEL/"><font color="#000000">TRAVEL</font></a></font></b></td>
77 </tr>
78 <tr>
79 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
80 href="/HEALTH/"><font color="#000000">HEALTH</font></a></font></b></td>
81 </tr>
82 <tr>
83 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
84 href="/STYLE/"><font color="#000000">STYLE</font></a></font></b></td>
85 </tr>
86 <tr>
87 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
88 href="/SPECIALS/"><font color="#000000">IN-DEPTH</font></a></font></b></td>

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89  </tr>
90  </tr>
91  <td><hr size=1 noshade></td>
92  </tr>
93  </tr>
94  <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
95  href="http://cnn.com/CustomNews/"><font color="#000000">custom
96  news</font></a></font></td>
97  </tr>
98  </tr>
99  <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
100 href="/QUICKNEWS/"><font color="#000000">news summary</font></a></font></td>
101 </tr>
102 </tr>
103 <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
104 href="/almanac/daily/"><font color="#000000">daily almanac</font></a></font></td>
105 </tr>
106 </tr>
107 <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
108 href="/TRANSCRIPTS/"><font color="#000000">on-air
109 transcripts</font></a></font><br><br></td>
110 </tr>
111 </table>
112 <!--TOP-LEVEL NAVIGATION -->

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**APPENDIX B**

*Do not Print  
S&H*



## APPENDIX B

## CNN WEATHER

```

1  <HTML>
2  <HEAD>
3  <TITLE>CNN - Weather</TITLE>
4  <LINK REL="stylesheet" HREF="/virtual/1998/code/cnn.css" TYPE="text/css">
5  <SCRIPT LANGUAGE="javascript" SRC="/virtual/weather/vector.js">
6  </SCRIPT>
7  </HEAD>
8  <BODY BGCOLOR="WHITE" TEXT="#000000" LINK="#3333CC"
9  VLINK="#666666">
10 <a name="top"></a>
11 <table width=600 cellpadding="0" cellspacing="0" border="0">
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13 <table border="0" width="600" cellspacing="0" cellpadding="0"><tr valign="TOP"><td
14 width="120"><A
15 HREF="/event.ng/Type=click&RunID=11075&ProfileID=469&AdID=5904&GroupID=1&
16 FamilyID=328&TagValues=434.435.586.598.606.629.644.645&Redirect=http:%2F%2Fenn
17 .com%2FSHOWBIZ" target="_top"></a></td><td width="8" align="right"><a
20 href="/ads/c.market/"></a></td><td width="468"><A
22 HREF="/event.ng/Type=click&RunID=9909&ProfileID=48&AdID=5942&GroupID=24&F
23 amilyID=328&TagValues=307.434.435.586.594.598.606.629&Redirect=http:%2F%2Fwww
24 .roughcut.com" target="_top"></a></td></tr></table>
27 <hr noshade width="600" size="1" align="LEFT">
28 </td></tr><tr valign=top><td width="125">
29 <a href="/index.html"></a><br>
31 <!--TOP-LEVEL NAVIGATION-->
32 <table border="0" width="125" cellspacing="0" cellpadding="2" bgcolor="#CCCCFF">
33 <tr>
34 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
35 href="/index.html"><font color="#000000">MAIN PAGE</font></a></font></b></td>
36 </tr>
37 <tr>
38 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
39 href="/WORLD/"><font color="#000000">WORLD</font></a></font></b></td>
40 </tr>
41 <tr>

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42     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a href="/US/"><font
43 color="#000000">U.S.</font></a></font></b></td>
44 </tr>
45 <tr>
46     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
47 href="/LOCAL/"><font color="#000000">U.S. LOCAL</font></a></font></b></td>
48 </tr>
49 <tr>
50     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
51 href="/allpolitics/"><font color="#000000">POLITICS</font></a></font></b></td>
52 </tr>
53 <tr>
54     <td bgcolor="#333399"><b><font face="Helvetica, Arial,sans-serif"
56 size="1">&nbsp;<a href="/WEATHER/"><font
57 color="#FFFFFF">WEATHER</font></a></font></b></td>
58 </tr>
59 <tr>
60     <td bgcolor="#9999FF"><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
61 href="/WEATHER/images.html"><font color="#000000">weather
62 maps</font></a></font></b></td>
63 </tr>
64 <tr>
65     <td bgcolor="#9999FF"><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
66 href="/WEATHER/storm.center/"><font color="#000000">storm
67 center</font></a></font></b></td>
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70     <td bgcolor="#9999FF"><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
71 href="/WEATHER/allergy/"><font color="#000000">allergy
72 report</font></a></font></b></td>
73 </tr>
74 <tr>
75     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
76 href="/cnfn/"><font color="#000000">BUSINESS</font></a></font></b></td>
77 </tr>
78 <tr>
79     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
80 href="/cnnsi/"><font color="#000000">SPORTS</font></a></font></b></td>
81 </tr>
82 <tr>
83     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
84 href="/TECH/"><font color="#000000">SCI-TECH</font></a></font></b></td>
85 </tr>
86 <tr>
87     <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a

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38 href="/SHOWBIZ/"><font
89 color="#000000">ENTERTAINMENT</font></a></font></b></td>
90 </tr>
91 <tr>
92 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
93 href="/TRAVEL/"><font color="#000000">TRAVEL</font></a></font></b></td>
94 </tr>
95 <tr>
96 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
97 href="/HEALTH/"><font color="#000000">HEALTH</font></a></font></b></td>
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100 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
101 href="/STYLE/"><font color="#000000">STYLE</font></a></font></b></td>
102 </tr>
103 <tr>
104 <td><b><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
105 href="/SPECIALS/"><font color="#000000">IN-DEPTH</font></a></font></b></td>
106 </tr>
107 <tr>
108 <td><hr size=1 noshade></td>
109 </tr>
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111 <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
112 href="http://cnn.com/CustomNews/"><font color="#000000">custom
113 news</font></a></font></td>
114 </tr>
115 <tr>
116 <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
117 href="/QUICKNEWS/"><font color="#000000">news summary</font></a></font></td>
118 </tr>
119 <tr>
120 <td><font face="Helvetica, Arial,sans-serif" size="1">&nbsp;<a
121 href="/almanac/daily/"><font color="#000000">daily almanac</font></a></font></td>
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126 transcripts</font></a></font><br><br></td>
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**APPENDIX C**

Do not print  
SSU

AltaVista: Simple Query computer graphics

http://www.altavista.digital.com/c...&amp;q=computer+graphics&amp;search=Search

## APPENDIX C

**AltaVista** A Digital Internet Service Search Zones Services Help Feedback

Search the Web for documents in **Web Pages**

Search Zones:

<http://www.altavista.digital.com/c...&q=computer+graphics&search=Search>

APPENDIX: C

Last modified 12-Mar-88 - page size 783 bytes - in English [Translate](#)

[URL: [www.cmr-sc.com/](http://www.cmr-sc.com/)]

Last modified 20-Feb-98 - page size 81K

[URL: [muldoon.cplc.ucdavis.edu/](mailto:muldoon.cplc.ucdavis.edu/)]

Last modified 14-Mar-98 - page size 3K - in English [ [Translate](#) ]

(URL: [graphics.lcs.mit.edu/8.337/198/sqis.html](http://graphics.lcs.mit.edu/8.337/198/sqis.html))

Last modified 9-Sep-96 - page size 1K - in English [Translate](#)

word count computer: 24067421; graphics: 38023008

APPENDIX: C

## ALTA VISTA

Page 1 of .....

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6  <AREA SHAPE=RECT COORDS="424,33,456,52" HREF="/av/content/zones.html"
7  ALT="Zones">

159 <b>10. </b><a href="http://graphics.lcs.mit.edu/6.837/f96/sgis.html"><b>6.837--Computer
160 Graphics SGI locations</b></a><br>
161 <font face=arial size=2>[<b>URL:</b>
162 graphics.lcs.mit.edu/6.837/f96/sgis.html]</font><br>
163 Current public SGI machines: 1-142 10 SGI's. 2-225 13 SGI's. 11-113 3 SGI's. 11-116 3
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167 s%2elcs%2emit%2edu%2f%2c337%2f96%2fsgis%2html&language=en">Translate</a>
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APPENDIX D

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AltaVista: Simple Query computer graphics

http://www.altavista.digital.com/c...g=q&amp;q=computer+graphics&amp;stq=80&amp;c9k

## APPENDIX: D

**AltaVista**™ DIGITAL Internet Service Search Zones Services Help Feedback

Search the Web for documents in

Web Tools: [Pages](#) [Images](#) [URL](#) [Links](#) [Search](#) [Printer](#) [Monitor](#)

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About 44,652,431 matches were found.

**81. F.V.C.C. - Printing, Copying, Graphics, Computer Services**  
 (URL: [www.fvccc.com/biz/printgraph.html](http://www.fvccc.com/biz/printgraph.html))  
 Printing, Copying, Graphics, Computer Services. Kinko's Bob Bowie & Kirk Hoover 18709 Brookhurst Street Fountain Valley, CA 92708 Phone: (714)..  
 Last modified 4-Dec-97 - page size 1K - in English [\[Translate\]](#)

**82. Computer Graphics**  
 (URL: [the-duke.duke-duke.edu/notes/week\\_7/COMPAN\\_G.htm](http://the-duke.duke-duke.edu/notes/week_7/COMPAN_G.htm))  
 Computer Graphics & Animation. Computer animation is the use of computers to create animations. There are a few different ways to make computer..  
 Last modified 18-Aug-98 - page size 3K - in English [\[Translate\]](#)

**83. Techimage - 3D Computer Graphics**  
 (URL: [www.techimage.co.uk/moframes/houdini/L1\\_14.htm](http://www.techimage.co.uk/moframes/houdini/L1_14.htm))  
 Expandable Foundation: Future specialised tools will fit into the Houdini foundation seamlessly. Techimage Ltd., 25 Lodersfeld, Lechlade....  
 Last modified 10-Apr-97 - page size 1K - in English [\[Translate\]](#)

**84. CS 790a - Computer Graphics - Class 26**  
 (URL: [www.cs.unr.edu/~fredh/class/790a/class/class26.html](http://www.cs.unr.edu/~fredh/class/790a/class/class26.html))  
 CS 790a - Computer Graphics - Class 26. Question-Answer session. Senior Project Presentation: Mr. Bull. Last Modified: 2/14/97 fredh@cs.unr.edu  
 Last modified 21-Mar-97 - page size 389 bytes - in English [\[Translate\]](#)

**85. TIME INK - Computer Graphics Home Page**  
 (URL: [timeink.com/default.html](http://timeink.com/default.html))  
 Viewing this page requires a browser capable of displaying frames.  
 Last modified 8-Dec-97 - page size 435 bytes - in English [\[Translate\]](#)

**86. SFTW301 - Computer Graphics**  
 (URL: [www.umac.mn/t32/sftw301.htm](http://www.umac.mn/t32/sftw301.htm))  
 SFTW301 - Computer Graphics. Conceptual model for the interactive computer graphics programmer. Coordinate systems. Graphical input and output....  
 Last modified 24-Sep-97 - page size 800 bytes - in English [\[Translate\]](#)

**87. ARC 104. INTRODUCTION TO COMPUTER GRAPHICS**  
 (URL: [www2.sunysdutchessa.edu/Credit/Courses/ARC104.html](http://www2.sunysdutchessa.edu/Credit/Courses/ARC104.html))  
 ARCHITECTURAL TECHNOLOGY. NOTE: The College reserves the right to retain certain selected works of students enrolled in its architectural design courses..  
 Last modified 4-Nov-97 - page size 1K - in English [\[Translate\]](#)


**88. Computer Graphics FAQ's**

**Amazon.com suggests**  
[Books of the Day](#)  
[Titles about computer, gra...](#)

**Zones**  
[Entertainment](#)  
[Finance](#)  
[Health](#)  
[Travel](#)

**Services**  
[Free Email](#)  
[Translation](#)

**International:**  
[Our Search Network](#)  
[Search in Chinese](#)  
[Search in Japanese](#)  
[Search in Korean](#)



10/18/97 11:53 AM

<http://www.altavista.digital.com/c...g=q&q=computer+graphics&stq=80&c9k>

APPENDIX: L

[URL: [www.bergen.org/AAST/Computer/Animation/Te...\\_Raytrace2.html](http://www.bergen.org/AAST/Computer/Animation/Te..._Raytrace2.html)]  
Raytracing FAQ - Part 2. This is part 2 of the  
comp.graphics.rendering.raytracing Frequently Asked Questions list. The  
latest version of the FAQ is...  
Last modified 9-Dec-96 - page size 48K - in English [Translate]

### 89. Bibliography on computer graphics and vision

[URL: <http://wheel.uwaterloo.ca/bibliography/Graphics/Contrib.html>]  
Bibliography on computer graphics and vision. This bibliography is a part  
of the Computer Science Bibliography Collection.  
Last modified 31-Mar-98 - page size 6K - in English [ [Translate](#) ]

**90. CSE328 FUNDAMENTALS OF COMPUTER GRAPHICS**

[URL: [www.cs.sunygb.edu/~thea328/course.html](http://www.cs.sunygb.edu/~thea328/course.html)]  
**CSE328: FUNDAMENTALS OF COMPUTER GRAPHICS.** Monday,  
 Friday 12:40-2:00pm Room Life Sciences 030 (it may change soon)  
 Instructor: T. Pavlidis....  
 Last modified 31-Mar-98 - page size 5K - in English [[Translate](#)]

Pages: [[<<](#)] [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) \_\_\_\_\_

word count computer: 24067421; graphics: 38023009



APPENDIX DALTA VISTA  
Page 9 of.....

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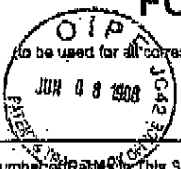
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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

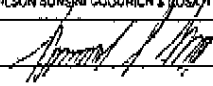
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		Filing Date	October 8, 1998
		First Named Inventor	Gilbert Borman
		Group Art Unit	2772
		Examiner Name	S. Hong
Total Number of Pages in This Submission	32 35	Attorney Docket Number	18041.701

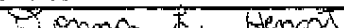
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<input type="checkbox"/> Information Disclosure Statement	Small Entity Statement
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	After Allowance Communication to Group
	Appeal Communication to Board of Appeals and Interferences
	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
	Proprietary Information
	Status Letter
	Additional Enclosure(s) (please identify below)
	Remarks
	Appendices A-D

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	WILSON SONS & GOODRICH & BOSAY	
Signature		Reg. No. 38,754
Date	June 4, 1998	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:	
Typed or printed name	Donald L. Hengst
Signature	
Date	June 4, 1998

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

G 000283

PTO/SB/17 (12-97)

Approved for use through 9/30/00. OMB 0551-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known																																																																																																													
Note: Effective October 1, 1997, U.S. Patent fees are subject to annual revision.		Application Number	08/727,085																																																																																																												
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<b>I. FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>790</td> <td>201</td> <td>395</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> </tr> <tr> <td>107</td> <td>340</td> <td>207</td> <td>170</td> </tr> <tr> <td>108</td> <td>790</td> <td>208</td> <td>395</td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> </tr> </tbody> </table> SUBTOTAL (1) (\$) 555.00		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	101	790	201	395	106	330	206	165	107	340	207	170	108	790	208	395	114	150	214	75	* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 55.00																																																																																					
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Typed or Printed Name: Charles C. Cary		Reg. Number	35,754																																																																																																												
Signature: <i>[Signature]</i>		Date: 8/4/98	Deposit Account: 23-2415 (Docket No. 18041.701)																																																																																																												

Burden Hour Statement: This form is estimated to take 0.3 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DRH:ODMA/PCDOCS/SQL12363191

G 000284

SERIAL NUMBER	ISSUE DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08 727 088	4 10 88 98	BLANK	78041-201

EXAMINER

ART. UNIT. PAPER NUMBER

06/31/98

DATE MAILED 54

## NOTICE OF ALLOWABILITY

PART I

1. Do the communications responding to Amendment #1 filed 6/5/98

2. ☒ All the claims being asserted in CONNECTION WITH THE MATTER IS OR REMAINS PENDING IN THIS APPLICATION OR IN A RELATED APPLICATION OR PREVIOUSLY ISSUED NOTICE OF Allowance And that the Substantive Communications will concern issues in this case.

3. ☒ The allowed claims are: 1-4, 7, 10-13, 16-18, and 21-26

4. ☒ The drawings filed on: 10-13-98

5. ☒ I acknowledge, by filing this claim for priority under 35 USC 119, the certain copy has been received, being duly received, as filed in my application Serial No. 07/000,000 filed on 10-13-98

6. ☒ Note the attached Exhibits: Amendment.

7. ☒ Note the attached Exhibits: Summary Record 9901-1299

8. ☒ Note the attached Exhibits: Statement of Reasons for Allowance

9. ☒ Note the attached NOTICE OF REFERENCE CITED TO USPTO

10. ☒ Note the attached INFORMATION DISCLOSURE CITATION (PTO 444)

## PART I

1. SHORTENED STATUTORY PERIOD FOR RESPONSE TO COMPLAINTS: The requirements set forth below shall EXPIRE THREE MONTHS AFTER THE DATE WAIVED. Failure to timely respond will result in NEW ENFORCEMENT OF LAWS AND REGULATIONS. Enforcement may be obtained under the provisions of 37 C.F.R. 1.61(a).

☐ New/Reattached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION: PTO-1520 must be placed in the path of information delivery. CAN SUBSTITUTE OATH OR DECLARATION REQUIRED.

3. APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.

17-00000-1 The following informalities are indicated on the NOTICE RE PATENT DRAWINGS: ATO-943, attached hereto, page 10  
17-00000-1 CORRECTION IS REQUIRED

7- b. The proposed drawing correction filed, on \_\_\_\_\_, has been approved by the examiner. CORRECTION IS REQUIRED.

Approved drawing corrections are described by the examiner in the attached **EXAMINER'S AMENDMENT/ CORRECTIONS** section.

8. ☒ Formal drawings are now REQUIRED.

3. If any response to this letter is submitted in the upper right hand corner of the following information from the NOTICE OF ALLOWANCE:  
 1. DATE AND ISSUE REF CODE; ISSUE YEAR NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

	Attachment:	
	Examiner's Amendment	(c) Notice of Intent Application, BTG-016
	Example Interview Summary Record, BTOL-013	(d) Notice of Return Owings, BTG-008
	Attorney's Affidavit	(e) List of Bonded Organisms
	Notice of References Cited, PTG-097	- Other
	Information Disclosure Citation, PTO-1449	

STEPHEN S. HONG  
PATENT EXAMINER

U.S. COMM. ON RE-ENTRY

000000

Application/Control Number: 08/727,085

Page 2

Art Unit: 2776

#### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

As per independent claims 1, 7, 13, 18, 23 and 25, the claimed feature of "displaying a first and second icon separate from the search window on said display screen...[and] parsing the location identifiers from the initial data file to form an initial list of location identifiers together with storing the initial list, responsive to a selection of the first icon (in claim 1, lines 8-15; substantially similar in the others)", in conjunction with the other claimed limitations, is not shown and would not have been obvious to a person of ordinary skill in the art at the time of the invention in view of the prior art of record.

As shown in the FIGURE 5A of the Applicant's invention, the first and second icons, which initiate parsing of the searched list and retrieve the data from a location in the list, are provided separate (item 300) from the browser window (item 400), which is not shown and not suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 08/727,085

Page 3

Art Unit: 2776

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steve Hong whose telephone number is (703) 308-5465. The examiner can normally be reached on Monday-Friday from 8:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached on (703) 305-9701.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

or faxed to:

(703) 308-9051, (for formal communications intended for entry)

Or:

(703) 305-9724 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive,  
Arlington, VA., Sixth Floor (Receptionist).

For any written or facsimile communication submitted ON OR AFTER APRIL 26, 1998, this Examiner, who was assigned to Art Unit 2772, will be assigned to Art Unit 2776. Please include the new Art Unit in the caption or heading of any communication submitted after the APRIL 26, 1998 date. Your cooperation in this matter will assist in the timely processing of the submission and is appreciated by the Office.

  
Stephen Hong

Patent Examiner

August 26, 1998





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

**NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

LM41/0831

CHARLES C. CARY  
WILSON SONSINI GOODRICH & ROSATI  
650 PAGE MILL ROAD  
PALO ALTO CA 94304-1050

APP. NO.	03/727,085	FILING DATE	10/03/96	TOTAL CLAIMS	018	EXAMINER AND GROUP	ART. UNIT	2776	DATE MAILED	03/21/98	
First Name of Applicant	BORMAN,		GILBERT								
TITLE OF INVENTION: METHOD AND APPARATUS FOR RETRIEVING DATA FROM A NETWORK USING LOCATION IDENTIFIERS (AS AMENDED)											
CLASS	3	SUBCLASS	18041.701	BATCH NO.	707-501.000	APP. TYPE	140	UTILITY	YES	DATE DUE	11/00/98
SMALL ENTITY	YES \$660.00										

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OF THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

**HOW TO RESPOND TO THIS NOTICE**

Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status; or
- B. If the status is the same, pay the FEE DUE shown above.

Part B Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section 4b of Part B Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

PTOL 85 (REV. 10/95) Approved for use through 03/30/99 (0511-0053)

U.S. GPO: 1995-07-590-288

## PART B—ISSUE FEE TRANSMITTAL

Complete and mail this form, together with applicable fees, to:  
**Box ISSUE FEE**  
 Assistant Commissioner for Patents  
 Washington, D.C. 20231

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Issue Fee Payment, the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "ISSUE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS:** (Please legibly print or type name and address of the applicant.)

CHARLES C CARY  
 WILSON SONSINI GOODRICH & ROSATI  
 650 PAGE MILL ROAD  
 PALO ALTO CA 94304-1050

Publishing Division  
 11/17/98  
 NOV 17 1998

Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

## Certificate of Mailing

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

Donna L. Hengst (Depositor's name)  
 Donna L. Hengst (Signature)  
 11/13/98 (Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ARTUNIT	DATE MAILED
08/727,068	10/08/96	018	WMG, S	2775 09/21/98

First Named Applicant	GILBERT
-----------------------	---------

**TITLE OF INVENTION:** METHOD AND APPARATUS FOR RETRIEVING DATA FROM A NETWORK USING LOCATION IDENTIFIERS (AS AMENDED)

ATTY/SOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLX TYPE	SMALL ENTITY	ISSUE FEE	DATE DUE
3 18041.701	707-501.200	142	UTILITY	YES	\$660.00	11/30/98

1. Change of correspondence address or indication of "Fee Address" (ST-CFR 1.303). Use of PTO form(s) and Customer Number are recommended, but not required.

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" indication form PTO/SB/147) attached.

2. For printing on the patent from page list:  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Wilson Sonsini  
 Goodrich & Rosati  
 Paul Davis  
 Charles C. Cary

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (printer type). PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: TENRETH DYNAMICS, INC.

(B) RESIDENCE (CITY & STATE OR COUNTRY): SOUTHFIELD, MI

Please check the appropriate assignee category indicated below (will not be printed on the patent):

☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks):

☒ Issue Fee

☐ Advance Order - # of Copies \_\_\_\_\_

4b. The following fees or delinquency in these fees should be charged to:

DEPOSIT ACCOUNT NUMBER 23-2415 (ENCLOSE AN EXTRA COPY OF THIS FORM)

☒ (Sunk Fee) \_\_\_\_\_

☒ Advance Order - # of Copies 310

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the issue fee to the application identified above.

(Authorized Signature) \_\_\_\_\_ (Date) 11/13/98

NOTE: The Issue Fee will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington, D.C. 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEES

PTO FORM 458 (REV. 10-98) Approved for use through 08/30/99, GMS 05510033

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE



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H.P.

CERTIFICATE OF MAILING: I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 13, 1998.

Donna L. Hengst  
Donna L. Hengst

Patent  
Attorney's Docket No. 18041.701

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	
Gilbert Borman et al.	)	Examiner: S. Hong
Serial No.: 08/727,085	)	
Filing Date: October 8, 1996	)	Group Art Unit: 2776
For: METHOD AND APPARATUS FOR	)	
RETRIEVING DATA FROM A NETWORK	)	Batch No.: I40
USING LOCATION IDENTIFIERS	)	
(AS AMENDED)	)	

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSMAN

Sir:

In response to the Notice of Allowance and Issue Fee Due date of August 31, 1998,  
please substitute the enclosed 14 sheets of formal drawings for the informal drawings previously  
filed with respect to the above-identified patent application.

Respectfully submitted,

WILSON, SONSINI, GOODRICH & ROSATI

By:

Charles C. Cary  
Charles C. Cary  
Registration No. 36,764

650 Page Mill Road  
Palo Alto, CA 94304  
(650) 493-9300  
Date: November 13, 1998

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

5890172

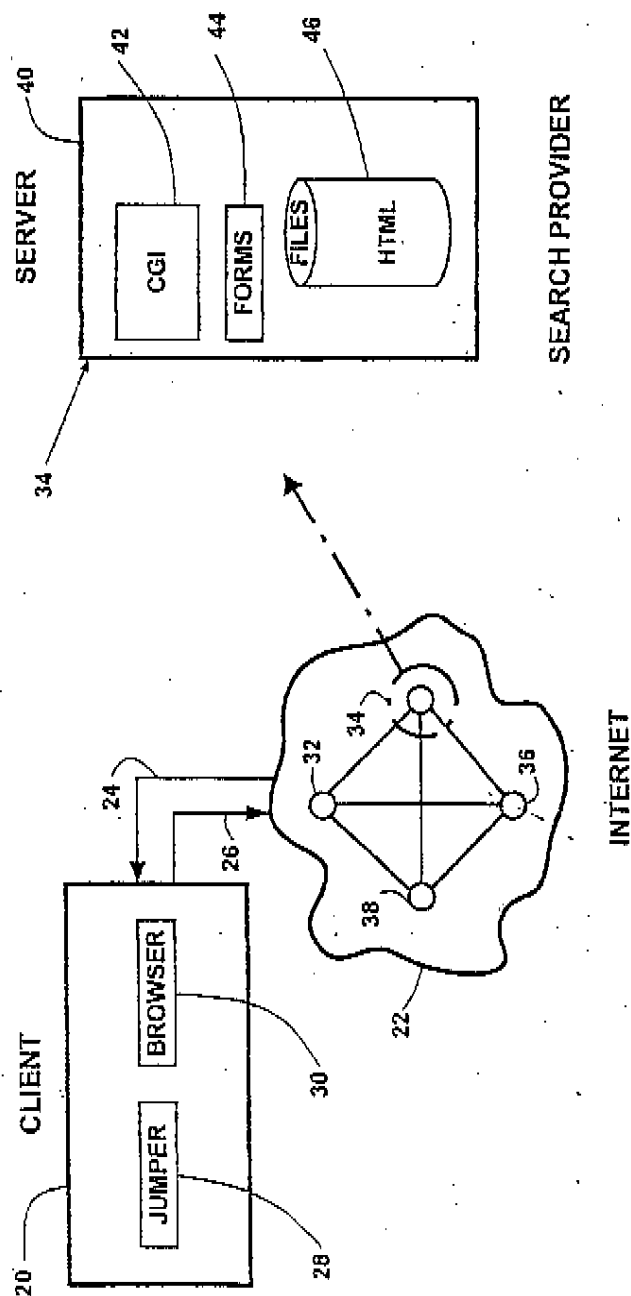


FIG. 1

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

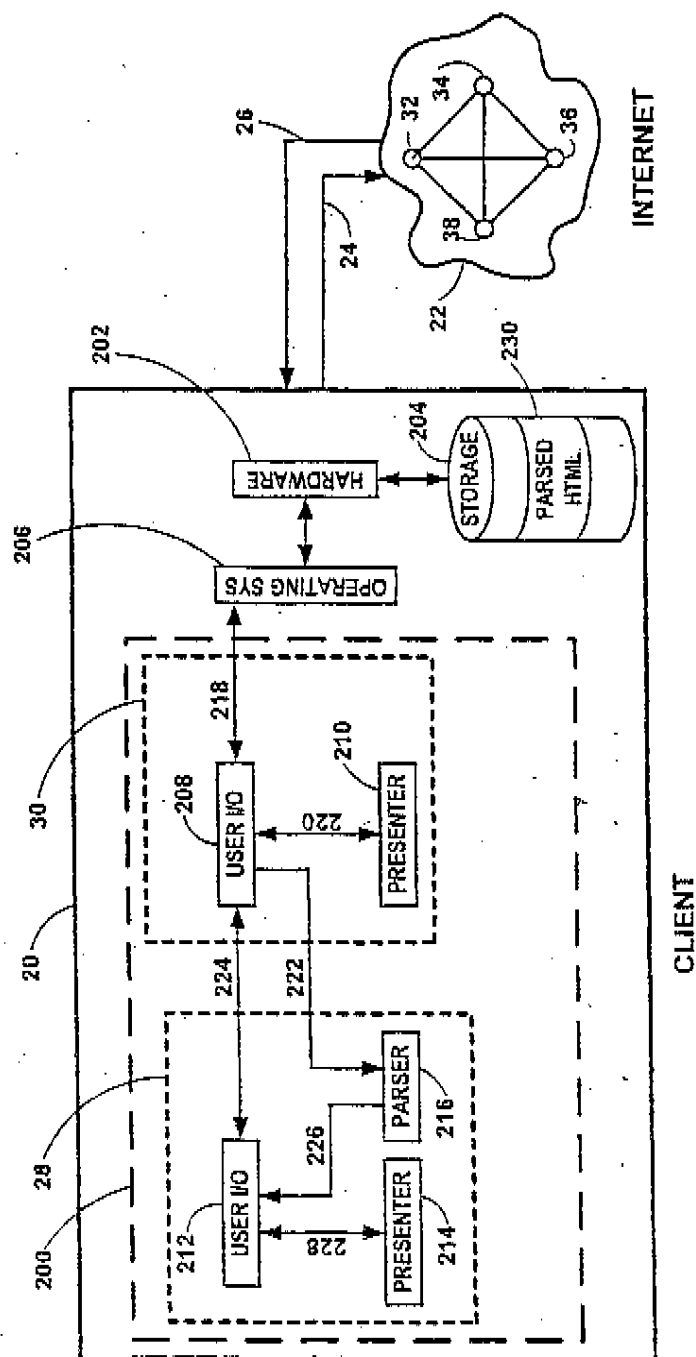


FIG. 2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

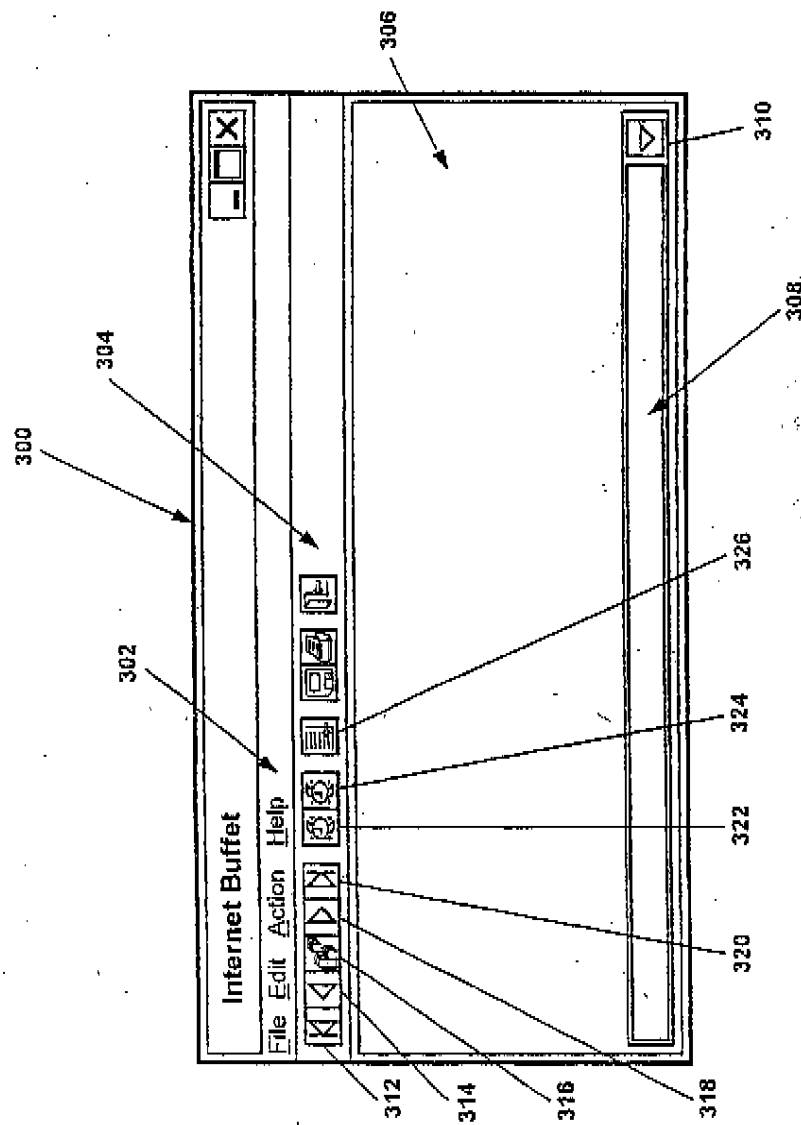
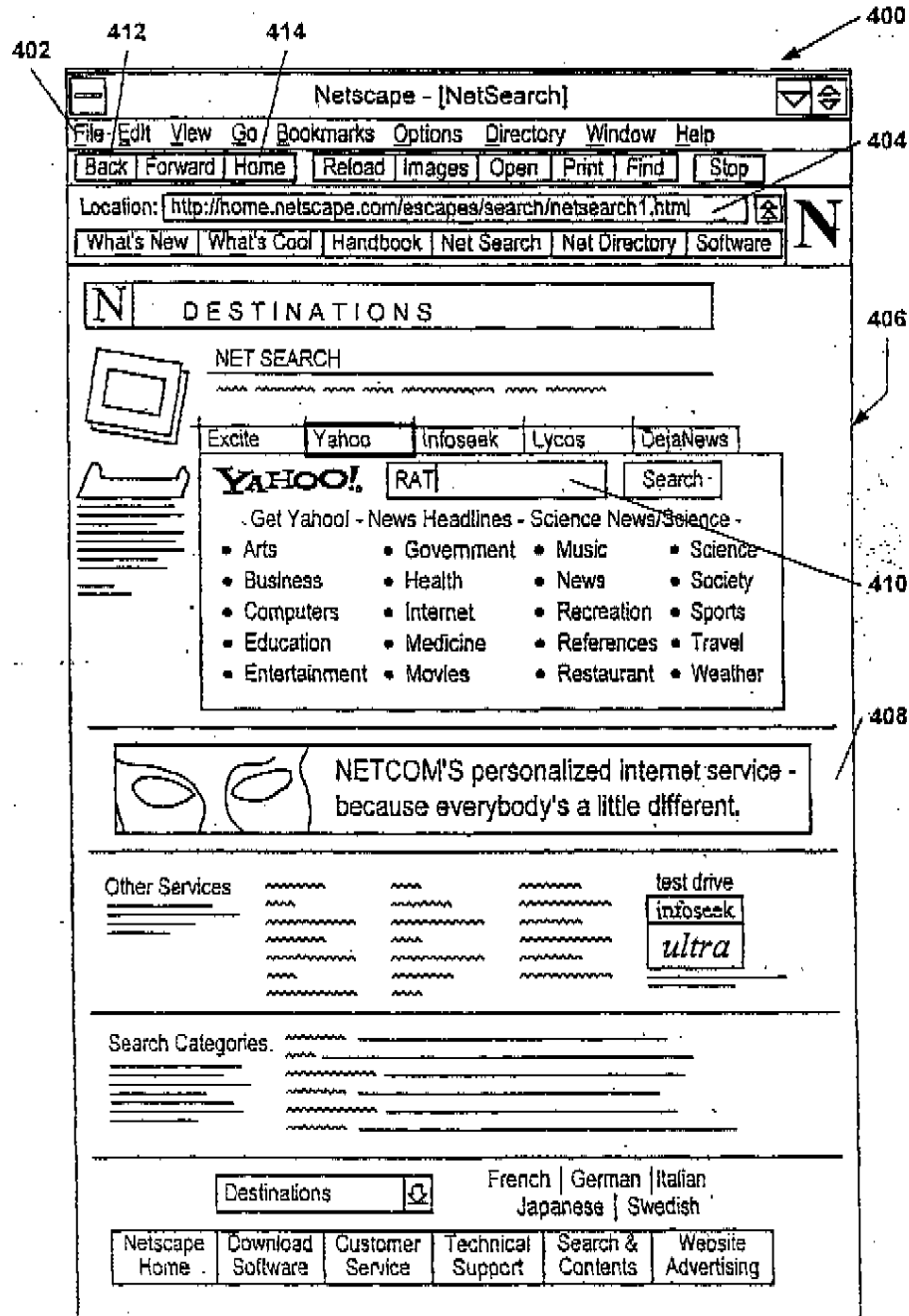


FIG. 3

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	



(PRIOR ART)  
FIG. 4

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

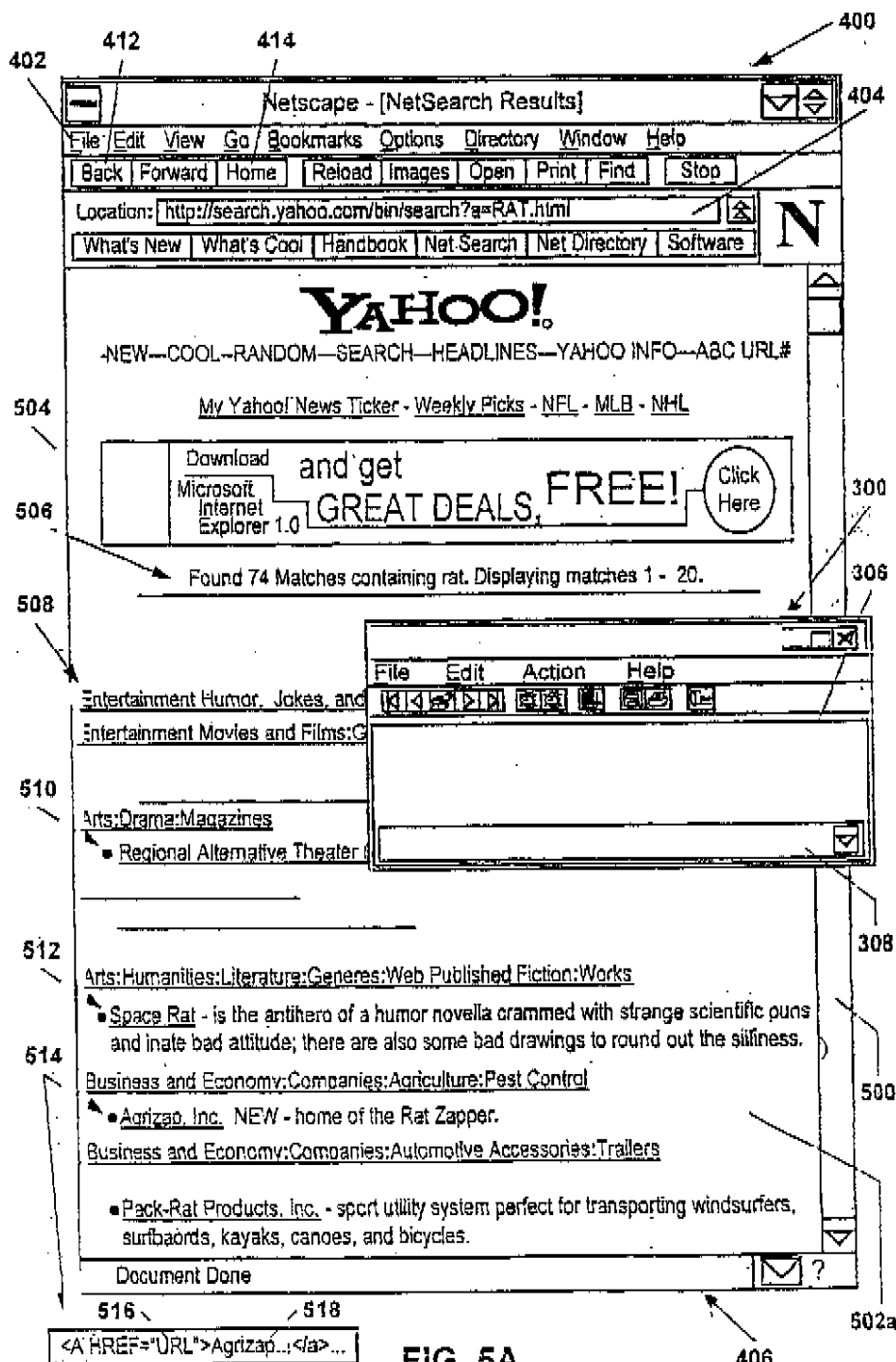


FIG. 5A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

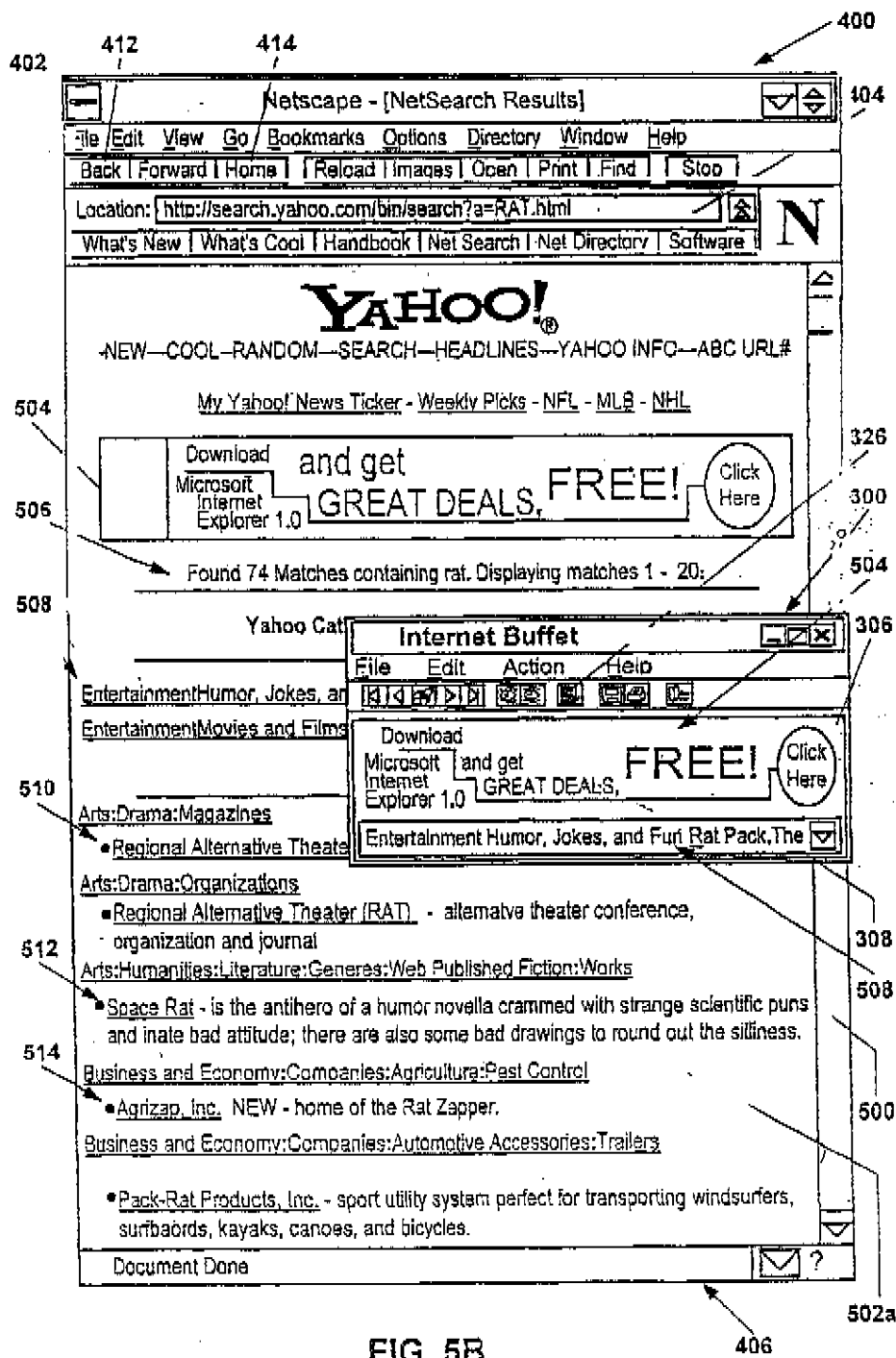


FIG. 5B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

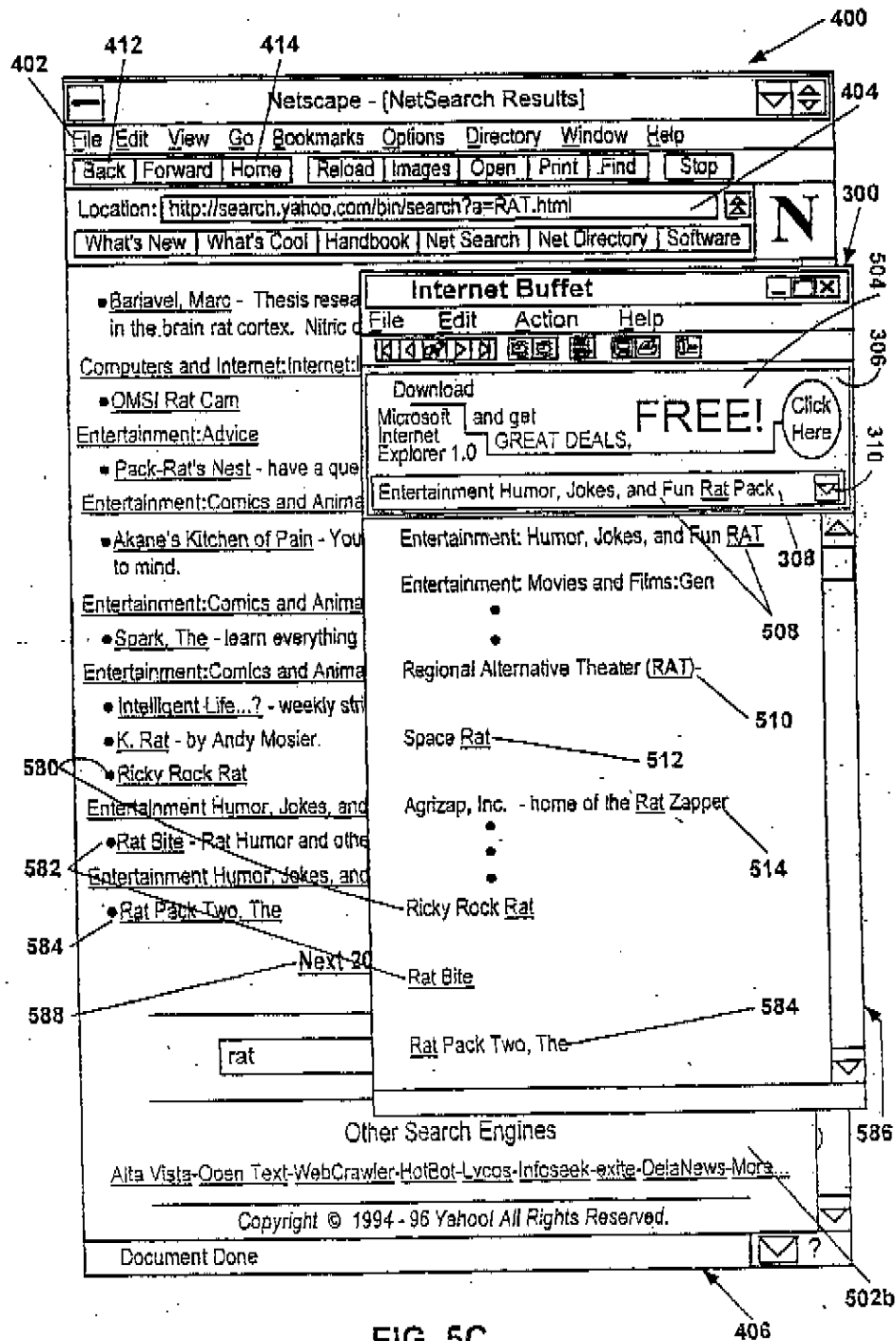


FIG. 5C



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

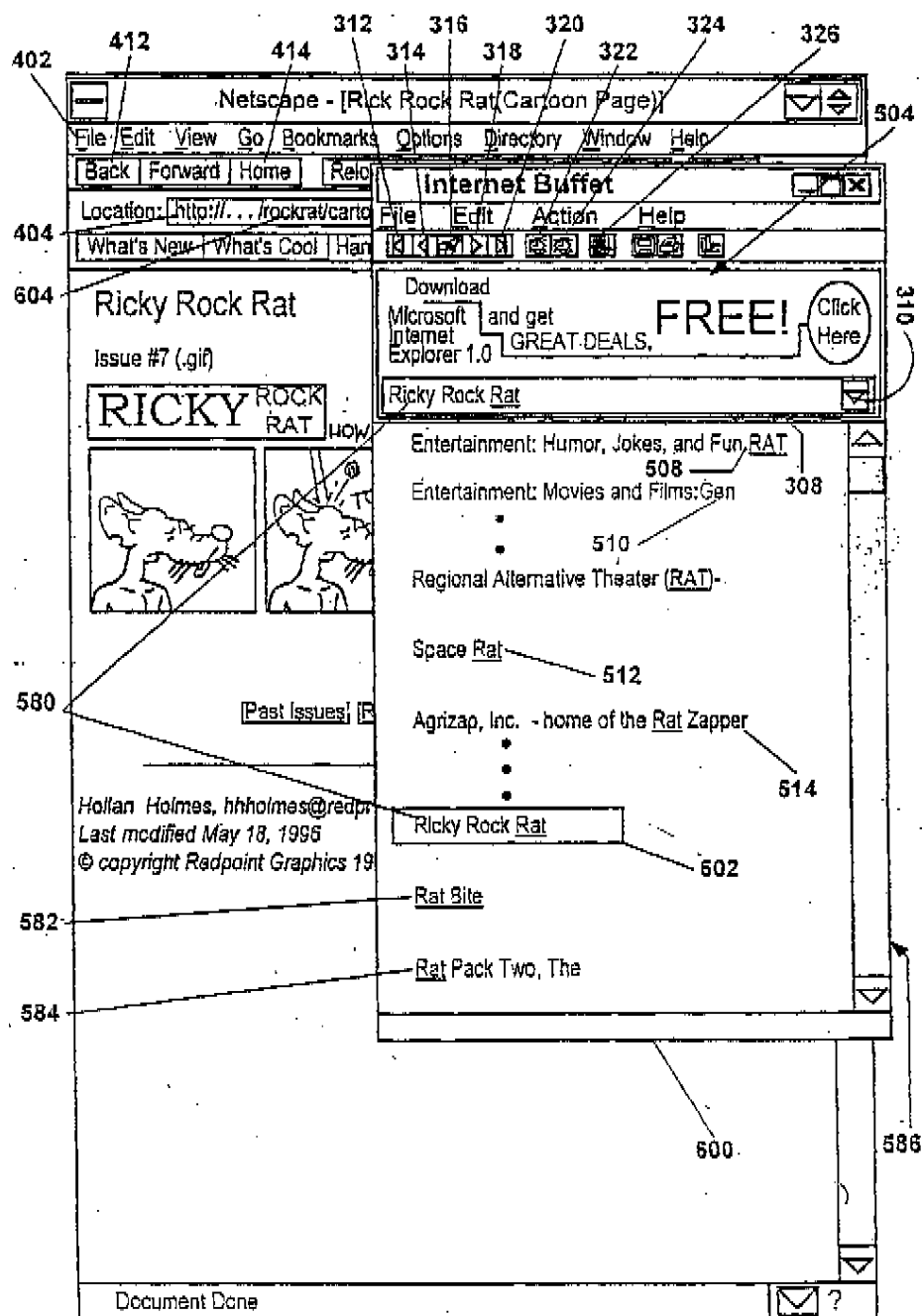
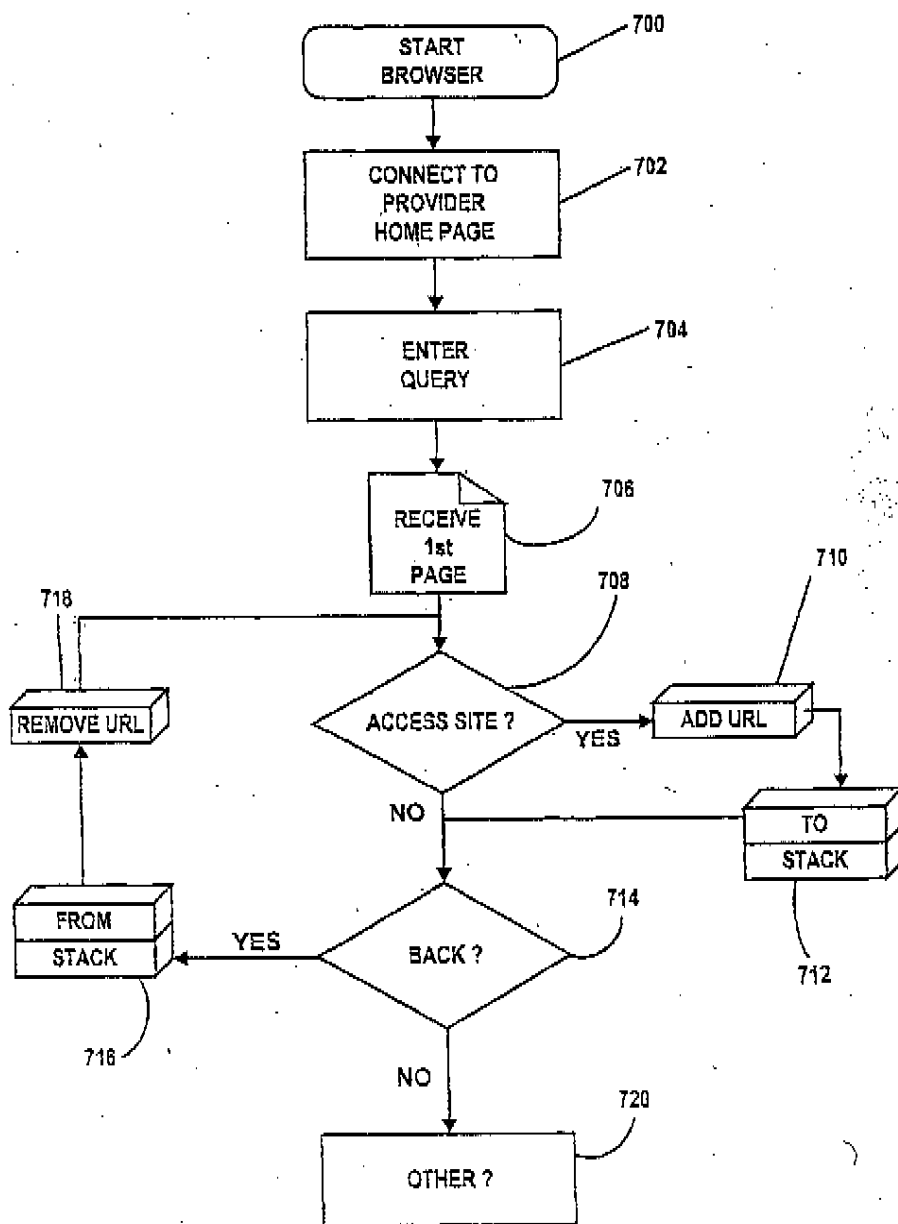


FIG. 6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



(Prior Art)  
FIG. 7

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

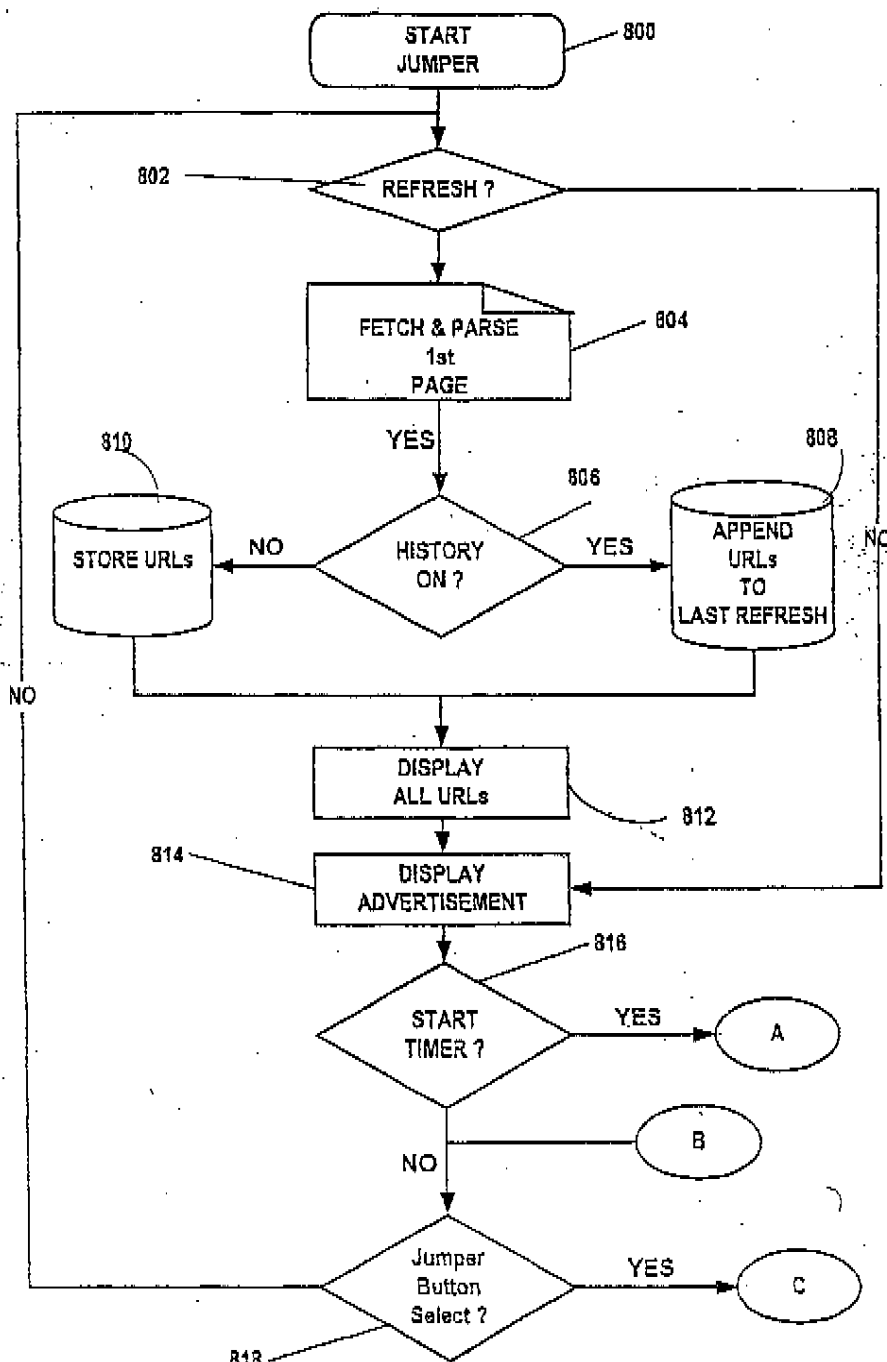


FIG. 8A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

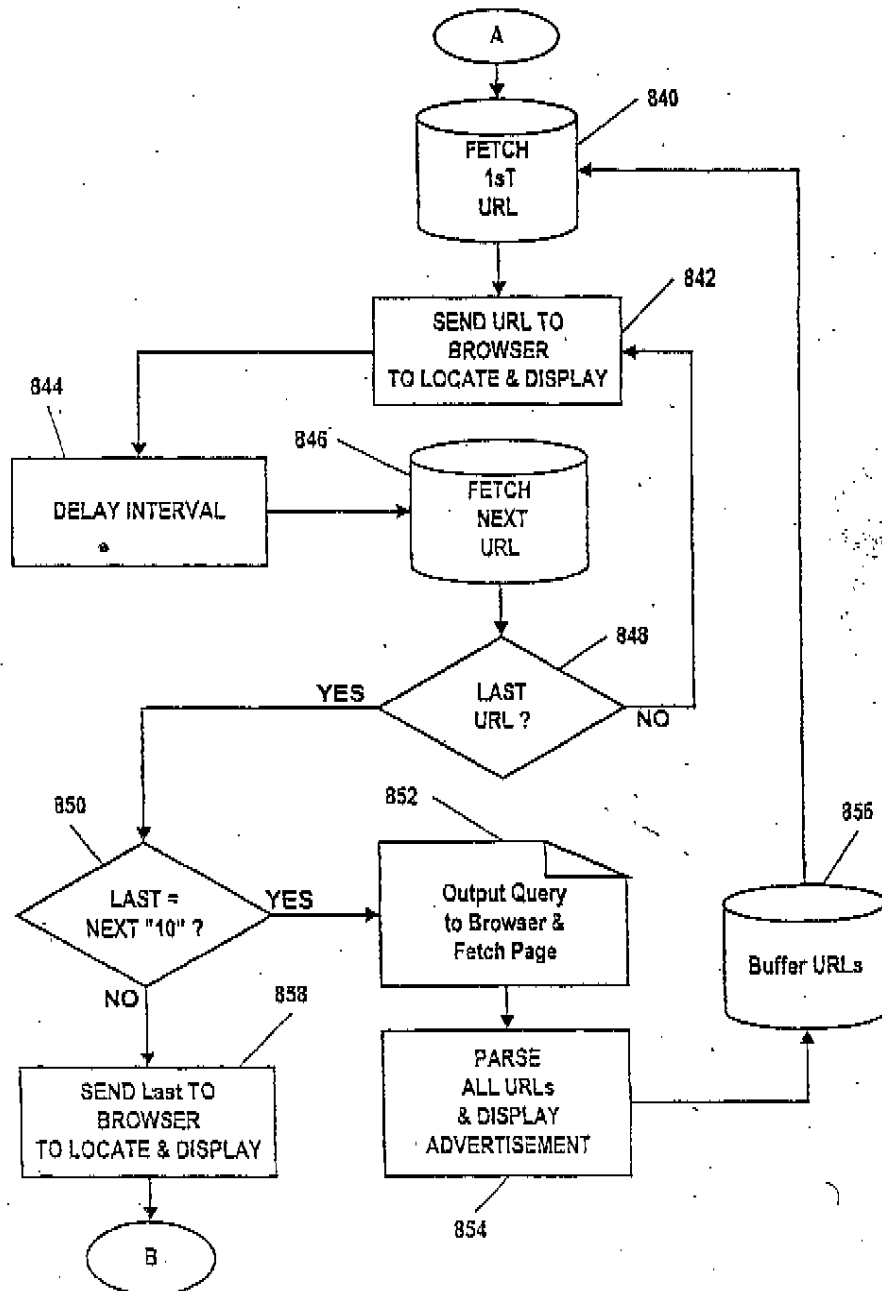


FIG. 8B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

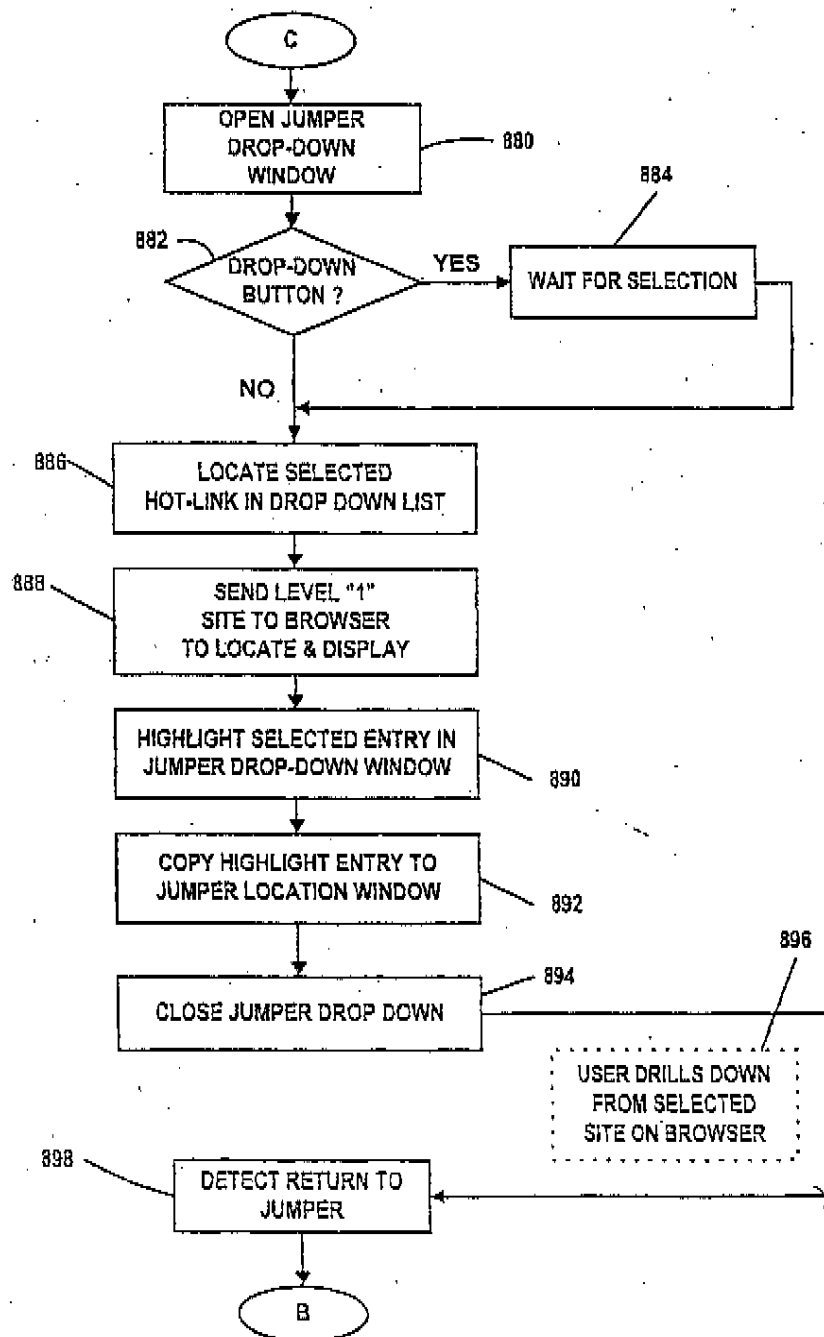
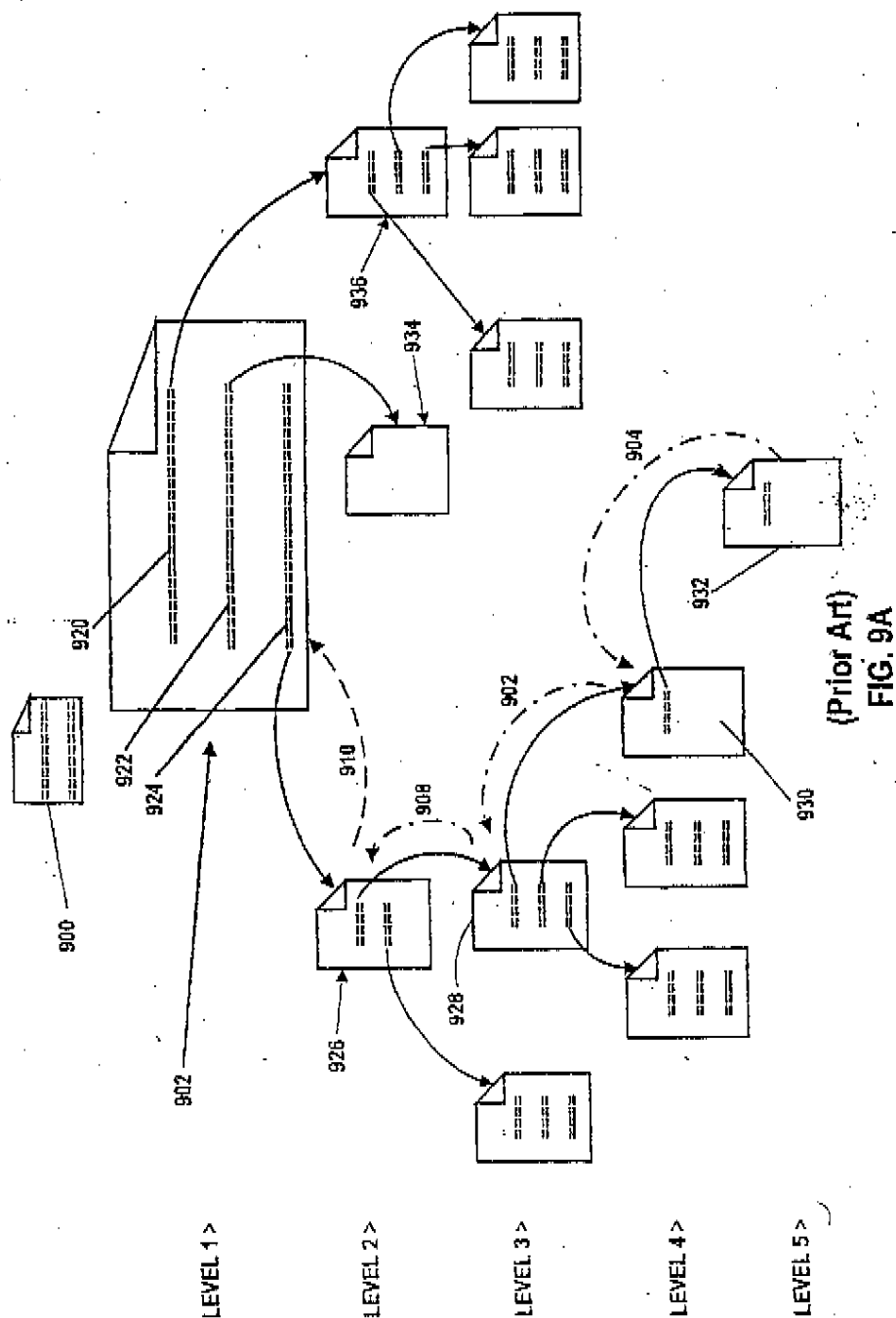


FIG. 8C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

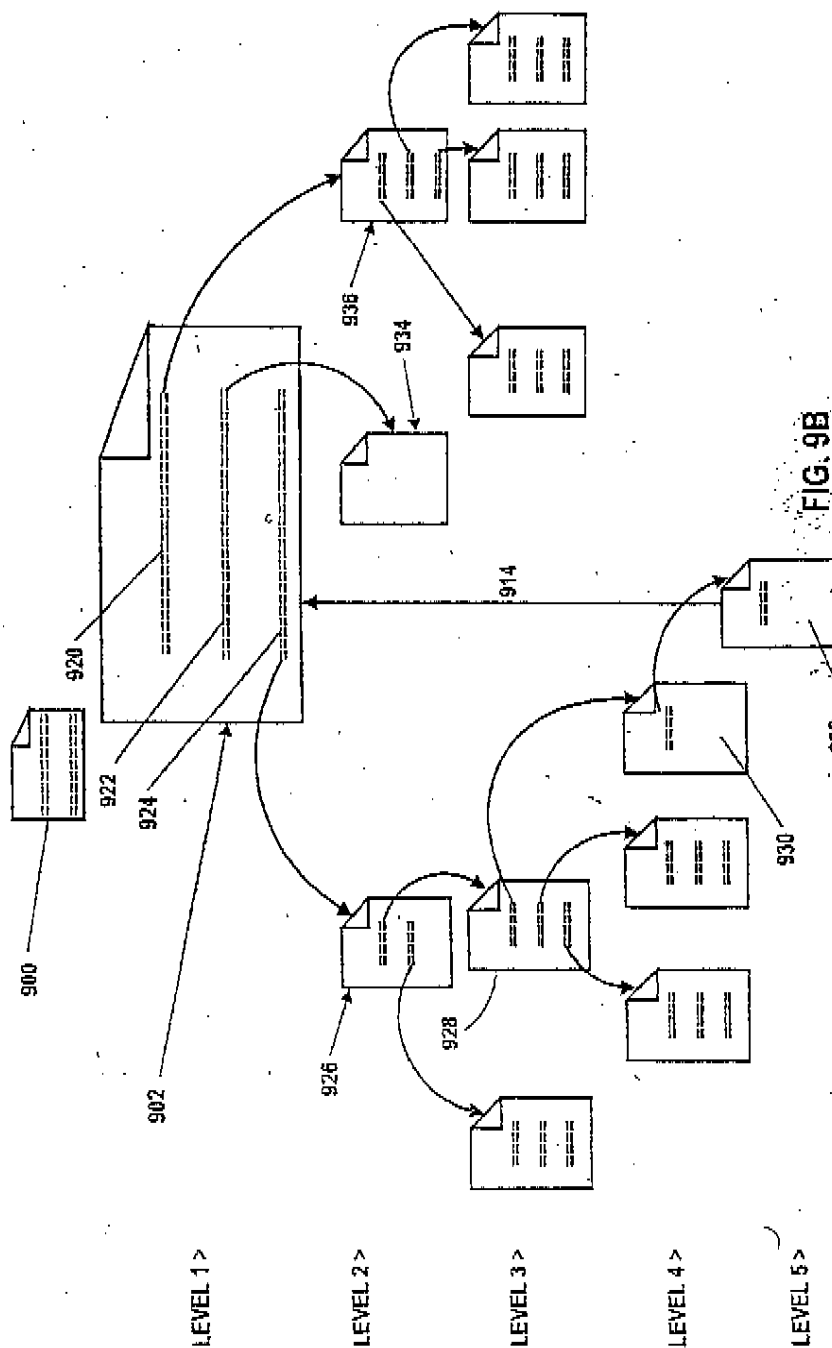


FIG. 9B

The  
United  
States  
of  
America



PTO UTILITY GRANT

Paper Number 4

### The Commissioner of Patents and Trademarks

*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

### United States Patent

*Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.*

*If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.*

*If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to a statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 131 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.*

*Bruce Lehman*  
Commissioner of Patents and Trademarks

*Thomas E. Schaefer*  
Attorney

Form PTO-1584 (Rev. 2/87)



00 727085

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

PTO-1556  
(5/87)

G 000306

Form PTO 1159  
(Rev. 2-94)

## PAGE DATA ENTRY CODING SHEET

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2ND EXAMINER

DATE

APPLICATION NUMBER

08 727085

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APPL

FILING DATE

MONTH DAY YEAR

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GROUP

ART UNIT

CLASS

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SHEETS OF

DRAWING

TOTAL

CLAIMS

INDEPENDENT

CLAIMS

SMALL

ENTITY?

FILING FEE

636

FOREIGN

LICENSE

ATTORNEY

DOCKET NUMBER

## CONTINUITY DATA

CONT STATUS

PARENT APPLICATION

PCT APPLICATION SERIAL NUMBER

PARENT PATENT

PARENT FILING

DATE

MONTH DAY YEAR

## PCT/FOREIGN APPLICATION DATA

FOREIGN

COUNTRY

PCT/FOREIGN APPLICATION SERIAL NUMBER

FOREIGN

FILING DATE

MONTH DAY YEAR

FOREIGN

COUNTRY

PCT/FOREIGN APPLICATION SERIAL NUMBER

FOREIGN

FILING DATE

MONTH DAY YEAR

000307